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pp 7-9, Encl to SIR-2508.

AID

Sci - Electricity
Apr 57 CRS

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Leningrad Power System During 1917-1947,
A Historical Review, 5 pp.

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1947, pp 16-18. Encl to SIR 2442.

AID/Sec 1956

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44, 668

Device for Grinding Valve Seats, by Belyaev, A. A.

RUSSIAN, per, Elektricheskii Stantzii, No 9,
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Sci Museum Lib No 50/2838

Scientific - Electricity

14,974

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Sci Museum 283 Lib No 50/2717

SLA 61-13665

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A New Method of Preservation of Wood (Poles)., by
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RUSSIAN, Elek Stants, Vol 20, Dec 1949, pp 14-15.

Sci Museum Lib No 51/0096 - London

Sci -

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THE PREVENTION OF CORROSION IN AIR PRE-
HEATERS, tr. by Lionel Moté. [1960] 5p. Misc. 112;
M2173.
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no. 9, p. 61-62.

142,877

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- I. Feed-water heaters--
Corrosion prevention
- I. Vladimirov, N. M.
- II. Trans-Misc-112
- III. DSIR LLU M. 2173

Office of Technical Services

(Engineering--Mechanical, TT, v. 5, no. 2)

Operational Control of the Moisture of Fuel During
Combustion, by M. S. Maslennikov.

RUSSIAN, no per. Elek Stan, No 2, 1952, pp 12-14.

See News File - 10/36/1
Co-op Tr Sch 55

USSR
Scientific - Fuels

18s. Od. (3s. Od.)

Feb 54 CTS

9612

Overvoltage Protection of Waterwheel Generators, by
A. A. Kuzhirnyz, G. V. Podkovyrov, E. G. Faynsteyn.

RUSSIAN, Report 1A1-35-53, per, Elektrich Stantsiy,
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AP 539433

USSR
Economic - Power
Treasure Island

11,447

The Application of non-linear Resistors in
Order to Improve the Stability of Exciters of
Synchronous Generators, by N. I. Sokolov, USSR.

RUSSIAN, per, Elekt Stant, No 8, 1952,
pp 34-37.

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Sol - Electron
Apr 59

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Electric Stations for April 1953.

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AF 580632

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Economic - Electric Power

Treasure Island

11, 448

Ice Loads on Lines, by V. V. Burgsdorf.

RUSSIAN, per, Elektr. Stantsii, Vol XXIV,
1953, pp 35-37.

ASLIB GB 10/697

Sci - Enggr
Apr 62

192,108

Thunderstorms in Central Asia, by M. D. Gleizer,
10 pp.

RUSSIAN, no per, Elek Stants, No 5, 1953, p 42-44.

Morris D. Friedman

G-121 \$5.00

909-2761

USSR

Scientific - Physics

CTB 65/Feb 55

21,277

Self-Synchronization of Turbogenerators.

RUSSIAN, per, Elektricheskiy Stanstii,
Vol. XXIV, 1953, pp 58-60.

ASLIB GB 10/695

Sci - Electron
Apr 62

192,114

(FDD 20760)

Further Reduction in the Cost of Electric and Thermal
Power, 10 pp.

RUSSIAN, no par, Elek Stants, No 11, Moscow, Nov 1953,
pp 3-5.

CIA/FDD/U-6032

RT-6102

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Economic - Electric power

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Results of Repeatedly Cleaning a Test
Condenser With Acid, by I. T. Deev,
K. M. Morosova.

RUSSIAN, per, Elek Stantsii, Vol XXIV, No 11,
1983, pp 13-16.

RLI Ref: 9022.09 1963 (3257) (Loan)

Sci. Abstracts Chem
Feb 64

248,588

CEBB 3057

Long-Term Electric Strength of Main Insulation of
Electric Machines, by N. A. Koryrev.

RUSSIAN, per, Elektritsii, Mar 1954, pp 24, 25.

AUSLIB-400125

6

Sci

Aug 58

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Field Suppression Circuits For Generators Of Small
and Medium Ratings by I.S. Kurddani and V.I.
Shtakov.

RUSSIAN, per, Elektricheskie Stantsii, No 4, 1954,
pp 23-26.

CSIRO

Oct. 62

Field Suppression Circuits for Generators of Small
or Medium Capacity, by L. S. Kurdiani, et al.

UNCLASSIFIED

RUSSIAN, per, Elektricheskiye Stantsiy, No 4, 1954,
pp 23-26.

DSIR/TCL (have not yet appeared in a
TCL)

Sci - Electronics

listed in Apr 1958 supple
to TCL -- no number given

Sep 58

Levshunov, R. T.
RESEARCH ON INSULATORS COATED WITH SEMI-
CONDUCTING GLAZE. [1963] [13p] 2 refs C. E.
Trans 2598.

Order from OTS or SLA \$1.10 63-23958

Trans. of Elektrotekhnika i Stal (USSR) 1954, v. 25,
no. 4, p. 86-87.

DESCRIPTORS: *Electric insulation, *Semiconducting
film, *Ceramic coatings, Electrical properties,
Electrical engineering.

This article presents a method of increasing the operational reliability of insulators in areas of heavy contamination by coating them with a semi-conducting glaze. Operational experiments established that the semi-conducting glaze distributed the voltage more evenly over the surface of the insulator. And that the insulator was heated by leakage currents giving it better
(Engineering--Electrical, TI, v. 10, no. 12) (over)

63-23958

- I. Levshunov, R. T.
- II. CE Trans-2598
- III. Central Electricity
Generating Board
(Gr. Brit.)

NLL (LOAN)

Ref: 9022.09 1963
(2,598)

Office of Technical Services

Problem of the Reliability of Insulation
in Very Dirty Surroundings, by M. N. Goltzman.

RUSSIAN, per, Elektricheskoe Stoitsel.
No 6, 1954, pp 37-40.

CSIRO

Sci - Electricity
Jun 62

199,593

Location of Faults in Cable Lines, by I. G.
Shalit.

RUSSIAN, per, Elektr Stantsii, No 7, 1954,
pp 36-38.

ASLIB-GR125

Sci

Aug 58

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62-10116

Logunov, F. G.
THE SECTION OF ELECTRICAL PRECIPITATORS
IN LARGE UNIT SUBASSEMBLIES. [1961] 1 p.

(8 figs. printed).

Order from OTS or SLA \$1.60

62-10116

Trans. of Elek[tricheskii] Stantall (USSR) 1954
[v. 25] no. 10, p. 21-24.

DESCRIPTORS: *Electrostatic precipitators, Instal-
lation, Boilers, Electrical equipment.

Subassembly installation of electrical precipitators
for boilers is proposed.

(Engineering--Electrical, TT, v. 7, no. 9)

Office of Technical Services

(FDD 25406)

Development of the Peat Industry, by A. P. Bausin.

RUSSIAN, per, Elektricheskoye Stantsii, Jul 1955,
pp 4-8.

CIA/FDD Bum 739

28,469

USSR

Econ - Technological, machine building

62-29213

- I. Imbrizaki, M. I.
- II. CID-62-213
- III. Centro de Información y Documentación, Madrid (Spain)

Imbrizaki, M. I.
RACIONALIZACION DE LA REPARACION DE ACCESORIOS Y ELEMENTOS DE CENTRALES ELECTRICAS (Rationalization of Power Plant Spares and Elements). 12p.
CID: 62-213.

Order from OTS, ETC or CID \$0.80 62-29213

Trans. in Spanish of Elektricheskoe Stani (USSR)
1955, (v. 26) no. 2, p. 14-17.

DESCRIPTORS: Standardization. Power plants.
Maintenance.

(Engineering--Electrical, TT, v. 10, no. 8)

Office of Technical Services

Automatic Fuel Oil Feed to the Furnace
Cutting off the Pulverized Coal Supply, by N. N.
Komyakov.

RUSSIAN, per, Elek Stantsii, Vol XXVI, No 6,
1955, pp 6-9.

NLL Ref: 9022.09 1963 (2786) (Loan)

Sci
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Nekrasov, and Sonin.
DAS EXPERIMENT DER ENERGIEÜBERTRAGUNG
DURCH GLEICHSTROM VON HOHER SPANNUNG (The
Experiment of Power Transmission by High Voltage
Direct Current). 19p. (text in German).
Order from TIB \$2.85

Trans. of Elektricheskoe Stantsii (USSR) 1955,
[v. 20] no. 7, p. 20-52.

DESCRIPTORS: *Power, *Transmission, *Direct
Current

62-27198

- I. Nekrasov
- II. Sonin
- III. Technische Informations-
bibliothek Hannover

Office of Technical Services

PB-

Scientific Bases for Establishing the
Efficiency of a Thermal Power Station, by I. N.
Butakov. UNCL

RUSSIAN, per, Elek Stantsii, Vol XXVI, No 12,
1955, pp 25-30.

DAIR LIU (loan) M.421

Sci - Electricity
Jul 59

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Zelkind, E. M. and Livshits, E. M.
ENLADRILLADO DE LIN TIPO ALIGERADO DE CAL-
DERA (Obimirovka Oblegchenogo Tipa) (Brick Lining
of a Light Boiler Type). 9p. CID: 62-212.
Order from OTS, ETC or CID \$0.80 62-29212

Trans. in Spanish of Elektricheskie Stantsii (USSR) 1956
[v. 27] no. 1, p. 19-21.

DESCRIPTORS: *Boilers, Brick, *Combustion chamber
liners.

(Materials--Refractories, TT, v. 10, no. 6)

62-29212

I. Zelkind, E. M.
II. Livshits, E. M.
III. CID-62-212
IV. Centro de Información
y Documentación, Madrid
(Spain)

Office of Technical Services

400 kv Transmission Lines in the USSR, by S. Rokotyan,
V. Sergeyev, 7 pp.

RUSSIAN, per, Elekt Startsi, No 2, 1956, pp 31-36.

SLA R-970

Sol
May 58

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Zaidel'man, R. L.
 DAMPING PROPERTIES OF TURBINE BLADES AS
 FACTOR DETERMINING THEIR WORKING RELI-
 ABILITY (Dekupiruyushchie Svoystva Lopatki Turbin
 Kak Faktor, Opredelyayushchiy Nadezhnost' Ikh
 Raboty). Sep 61 10p. 5 refs. RTS 1915.
 Order from GTS or SLA \$1.10 61-28162

Trunk of Elektricheskii Stantsii (USSR) 1956 [v. 27]
 no. 3, p. 21-24.

DESCRIPTORS: *Damping, *Turbine blades, *Reli-
 ability, Vibration, Determination, Instrumentation,
 Errors, Mathematical analysis, Internal friction,
 Stresses, Mechanical properties

The essential factor determining the dynamic stress-
 ing of the blades is the so-called logarithmic decre-
 ment, characterizing their damping capacity. The
 (Mechanica--Aerodynamics, TT, v. 6, no. 11) (over)

61-28162

- I. Zaidel'man, R. L.
- II. RTS-1915
- III. Department of Scientific
 and Industrial Research
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100004

Office of Technical Services

Determination of the Character of Defects
Inside Transformers From the Composition
of the Gases Evolved in the Gas Relay,
by I. S. Aptov, M. V. Khomyakov.

RUSSIAN, per, Elekt Stantsii, Vol XXVII,
No 5, 1956, pp 41-44.

ASLIB GB 10/IB 1532

Sci - Electron
Apr 62

192.115

63-15139

Alenchikov, S. I., Evzerova, F. N., and Kemel'man, M. N.

METHOD OF TAKING A REPRESENTATIVE SAMPLE OF WET STEAM. [1962] 10p. (figs. omitted).

Order from OTS or SLA \$1.10 63-15139

Trans. of Elektricheskie Stantsii (USSR) 1956, v. 27, no. 7 [p. 14-17].

DESCRIPTORS: *Steam, *Sampling, Steam turbines, Pipes, Condensers (Liquefiers).

- I. Alenchikov, S. I.
- II. Evzerova, F. N.
- III. Kemel'man, M. N.
- IV. Department of the Interior, Washington, D.C.

(Engineering--Mechanical, TT, v. 10, no. 3)

Office of Technical Services

Development of Soviet Power Industry in 1956,
5 pp. UNCLASSIFIED

RUSSIAN, per, Elek Stant, No 1, 1957, pp 1-3,
Encl to SIR-2772. CIA 9014952

AID/Sep 57

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Technical Progress of Power Engineering in 1956 and
Trends for 1957, 7 pp. UNCLASSIFIED

RUSSIAN, per, Elek Stant, No 1, 1957, pp 6-10.
Encl to SIR-2779, CIA 4614949

AJD/Bep 57

Sci - Engr
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3-8, 131

Feb 58

On the Vibrational Reliability of Steam Turbine
Working Vanes, by I. Z. Tsyrkin.

RUSSIAN, per, Elektricheskie Stantsii, 1957,
pp 12, 13.

CSIRO

Sci - Engr

Jun 61

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Yegorshinskaya Gora, Reduction in Personnel, 2 pp.

UNCLASSIFIED

RUSSIAN, per, Elek Stant, No 1, 1957. pp 71, 72.

Encl to AIR-2769. CIA 9014950

AID/Sep 57

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Atomic Electric Power Plants in USSR, 5 pp.
UNCLASSIFIED

RUSSIAN, per, Elek Stant, No 2, 1957, pp 1-9.
Encl to SIR-2788.

AID/Sep 57

USSR
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Sci - Nuc Phys
Feb 58

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Series Capacitors Installations on Svir'-Leningrad
Transmission Lines, 3 pp. UNCLASSIFIED

RUSSIAN, per, Elek Stant, No 2, 1957, pp 60-65.

AID/Sep 57

Sci - Electricity

Feb 58

58,126

Decrease in Consumption of Fuel by Thermal
Electric Power Plants in USSR, 3 pp. UNCLASSIFIED

RUSSIAN, pop, Elek Stand, No 3, 1957, pp 4-7.
Encl to SIR-2770

AID/Eep 57

58, 121

USSR

Econ

Feb 58

The System of Feeding High-Pressure Boilers Equipped
With Steam Washers, 11 pp.

RUSSIAN, no per, Elektricheskiye Stantsii, No 4,
1957, pp 16-18, Encl to SIR-2734

AID/Jul 57

Sci - Electricity
Oct 57

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TT-63 23973

Trifonov, E. V. and Yampolskii, S. L.
MEASUREMENT OF AXIAL STRESSES IN A STEAM
TURBINE. [1963] [5p] C. E. Trans. 2918.
Order from OTS SLA or ETC \$1.10 TT 63 23973

Trans. of Elektricheskii Sanktli (USSR) 1957,
v. 28 [no. 3] p. 19-21. (Abstract available)

DESCRIPTORS: *Steam turbines, Axial shafts,
*Stresses, Oils, Films, Pressure, Manometers,
Measurement.

A method for measuring axial stresses in steam
turbines, based on the use of a manometer to measure
pressure of an oil film in the thrust bearing is
presented.

(Machinery--Engines, TT, v. 11, no. 1)

- I. Trifonov, E. V.
- II. Yampolskii, S. L.
- III. CE Trans 2918
- IV. Central Electricity
Generating Board
(Gt. Brit.)

NLL(LOAN) Ref:
9022.09 1963(2,918)

Office of Technical Services

Erosion Resistance of Hard Alloys Used for Sealing
Surfaces of Steam and Water Fittings, by P. Chernyi,
K. Lebl. UNCL.

RUSSIAN, per, Elekt Stant, No 4, 1957, pp 27-30.

OSER LLO (loan) M.480

Sci - Eng/Met; Fuels
Sep 59

95, 871

Planning of Interconnection of Power Systems and
Their Control From Central Dispatcher's Offices, 4 p
UNCLASSIFIED

RUSSIAN, per, Elek Stant, No 5, 1957, pp 54-57,
Encl to SIR-2501.

AID/Sep 57

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Discrepancies in Oxygen Determination by Various
Methods, by R. L. Babkin. UNCL

RUSSIAN, par, Elekt Stant, Vol XXVIII, No 6,
1957, pp 19-22.

DSIR LIA (loan) M.431

Sci - Chem
Aug 59

94, 883

Methods of Detecting Faulty Suspension Insulators,
by P. M. Svi. UNCL

RUSSIAN, per, Elek Stant, No 6, 1957, pp 42-44.

DSIR LIA (loan) M.478

Sci - Electron
Sep 59

95, 879

Wet Snow Deposits on Power Transmission Lines,
by P. I. Bazhanov.

RUSSIAN, per, Elek Stantsii, Vol XXVIII,
1957, pp 60-63.

DSIR LIJ M.1592
(loan)

Sci - Electricity

Oct 60

128,890

RESULTS OF TESTING A WET STEAM FRACTIONAL
SEPARATOR, BY M. N. KEMEL'MAN.

RUSSIAN, PER, ELEK STANTSII, VOL XXVIII, NO 8,
1957, PP 4-7.

NLL M. 3794

SCI - ENGR

OCT 62

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The Ural Power System as of the 40th Anniversary of
the October Revolution, by A. M. Marinov (Transport,
Commun. and Electric Power in the USSR, 2)

RUSSIAN, per, Elektricheskaya Stantsiya, No 11, Nov
1957, pp 81-86.

USSR
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25 Mar 1958

61,034

**Demands on the Electrical Industry in Respect to
Future Power Development,**

**RUSSIAN, per, Elektricheskie Stantsii, No 2, 1958,
pp 6-11.**

Infosearch Ltd.

**Sci - Electricity
Sep 59**

96,400

New High-Power Laboratory for H. V. Circuit-
Breaker Testing, by V. E. Bergman, et al.,

Run
PUBLISHED, per, Elektricheskoe Stantsii, No 2,
pp 67-70. 1958

C.B.I.R.O.

Sci

May 60

116090

Mean Annual Corona Losses on 400 and 600-650
kV Transmission Lines, by L. V. Yegorova, M. N.
Tikhodayev. UNCL

RUSSIAN, per, Elek Stant, Vol XXIX, No 2, 1958,
pp 71-74.

DSIR LIA (loan) M.444

Sci - Electron
Aug 59

94, 866

(NY-1683)

In Regard to the Problem of the Development of
the Power Industry of Economic Regions, by
V. B. Chernakov, G. B. Vekelis, 15 pp.

RUSSIAN, no par, Elek Stant, No 3, Moscow,
Mar 1958, pp 2-6.

US JPRS/NY-1-329

Econ - Electric Power

75,548

(NY-1683)

Some Problems of Planning Block-Scheme Electric
Power Stations, by V. G. Zhilin, 22 pp.

RUSSIAN, no per, Elek Stant, No 3, Moscow,
Mar 1958, pp 32-38.

US JPRS/NY-L-330

Econ - Electric Power

75,549

Defects of Bituminous Compounds in High-Voltage
Bushings, by V. N. Zvesdkin, M. G. Loitsyanakaya.
UNCL

RUSSIAN, per, Elek Stant, Vol XXIX, No 3, 1958,
pp 62-64.

DSIR LIU (loan) M.442

801 - Electron
Aug 59

94, 854

(NY-1683)

About the ~~Plan~~ of Electrification of the Rumanian
People's Republic, by M. I. Petresku, 5 pp.

RUSSIAN, no par, Elektricheskiye Stantsii, No 3,
Moscow, Mar 1958, pp 81, 82.

US JPRS/NT-L-331

Econ - Electric Power

75,997

Destruction of the Submerged Runner of a Large
Francis Turbine by Cavitation, by V. V. Zashv. U.S.S.R.

RUSSIAN, Eng, Izv. Akad. Nauk, Vol. XXIX, No. 3, 1978,
pp. 87-.

DSIR LID (Loan) M.631

Vol - 303
No 59

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Information Report, by S. D. Stupsky. UNCL

RECEIVED, per: Elia Stamba, No 4, 1958.
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OSTER ELU RES 1300

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Ref - Eng: Phys

Feb 60

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On the Reduction of the Delivery Times and Further
Lowering of the Structural Costs of Power Stations
and Networks, USSR

RUESTIA, for, Elek Statia, Vol XXIX, No 5, 1958,
pp 2-10.

DSIR LIA (loan) H.632

Sci - Electron
Nov 59

100,739

External Corrosion of Baffle Tubes of
High-Pressure Boilers and Its Prevention,
by V. M. Volkov, et al. UML

RUSSIAN, per, Elek Stants, Vol XXIX,
No 5, 1958, pp 27-30.

DSIR LAM M.1455

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Electron;
Sci - Engr
May 60

116,518

Some Problems in the Planning, Design and
Construction of Thermal Power Stations, by
V. A. Radtsig.

RUSSIAN, per, Elek Stants, Vol XXIX, No 5,
1958, pp 43-45. 9077778

DSIR LLU M.501
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Sci - Electron
Nov 59

SLA-59-22550

Application of 500 KV Potential to Long-Distance
Power Transmission, by A. D. Romanov, et al

RUSSIAN, per, Elek Stants, No 5, 1958, pp 55-59.

ATS RJ-1739

ATS 46K25R

Sci - *Electron*
Jul 59

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Highlights of the 1959 - 1965 Plan for Development
of Electric Power in Ukrainian SSR, by G. B.
Yakushev. (In Rpt on Transportation, Communications,
and Electric Power in USSR, 10).

RUSSIAN, per, Elektricheskiye Stantsii, Moscow,
Jun 1958, pp 2-6.

USSR
Econ - Electric power
Oct 58

(Exploitation)

75,424

Experimental Determination of Mechanical
Stressing a Steam Pipe on Initial Heating,
by K. N. Bokov, D. P. Elizarov.

RUSSIAN, per, Elek Stant, Vol XXIX, No 6,
1958, pp 15-20.

NLL Ref: 9022,09 1964 (3295) (loan)

GS/12/3295

May 64

Economic Efficiency of District Heating With
Large Power Systems, by G. I. Rossievskiy. 1958

RUSSIAN, ~~Engl.~~ ~~Elek-Stants~~, Vol XXIX, No 6,
1958, pp 20-26.

DSIR LNU (loan) H.503

SLA 52-2252

Sci - Electron
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On the Cost of Electrical and Thermal Power at
a Heat and Electric Power Plant, by P. P.
Shcherbakovskiy. UNCL

RUSSIAN, pt 1, Elekt Stants, Vol XXIX, No 6, 1958,
pp 42, 43.

DSIR IAU (loan) M.502
SLR 54-15557

Sci - Electron
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Dynamic Strain Gauge Using Semiconductor
Triodes, by V. A. Orlov. UMCL

RUSSIAN, POF, Black Star, Vol XXIX, No 6,
1958, pp 54-57.

DAIR LRU RTS 1088

Sci-Engt, Instrument
Jun 59

529 59-18121

88,487

On Insulation-Testing of Large Electrical Machines,
by Gerasimov, et al. UNCL

RUSSIAN, per, Elek Stant, No 6, 1958, pp 67-70.

DSIR IJJ (loan) M.270

Electricity 64 A 37-15112
Sci - ~~XXXXXXXXXXXX~~
Jan 59

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On the choice of the Test Voltage and the
Frequency of Tests on the Insulation of
Electrical Machines, by B. E. Eganov. UMCL

INSULATION, par, Elek Stant, No 6, 1958, pp 70-72.

DSIR LUJ (loan) M.271

5/11 58-19100

Sci - Electricity

Jun 59

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Methods of Improving Preventive Tests for
Detecting Insulation Faults in Electrical
Machines and Recommendations to Manufacturers
Regarding Winding Assembly, by V. K.
Shibakov. USSR.

RUSSIAN, per, Elek Stant, No 6, 1958, pp 72-75.

DSIR ILLU (loan) M.302

SIA 57-1712

Sci - Engr

Jun 59

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DC-2192

The Economic Effectiveness of Utilizing Natural
Gas as a Fuel for Electric Power Production, by
V. I. Zhilin, 15 pp.

RUSSIAN, per, Elek Stants, No 7, Moscow, Jul 1958,
pp 2-3.

US JPRS/DC-1-1232

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Experience With Spacers in the Bundled Conductor
System of a Transmission Line, by B. I.
Komissarov, S. A. Skobelev, E. T. Yarovi, 9 pp.

RUSSIAN, per, Elektricheskiye Stantsii, Vol. XXXI,
No 7, 1958, pp 70-73.

SLA 59-22530

Sci

Apr 61

ODR, Vol XII, No 12

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The Effect of Boiler Unit Characteristics
On the Most Convenient Active Load
Distribution Between Thermal Stations,
by A. N. Zlatopolakii.

RUSSIAN, per, Klek Stantsii, 1958, Vol 29,
No 8, pp 6-8.

NIL 9022.09 1964 (3618) (On Loan)

Aug 65

287,176

Superheater Tests on a High Pressure
Boiler Operating on Anthracite Fines, by
M. A. Duml', et al. UNCL

RUSSIAN, per, Electro Start, No 8, 1958,
pp 22-25.

DLIN LIA RES 1047

10a. 04.

94, 838

So1 - Engr;
Aug 59

Temperature Conditions of a Steam-Turbine Thrust
Bearing and Its Operational Reliability, by
E. V. Trifonov, S. L. Yampol'skii.
RUSSIAN, per, Elektricheskie Stantsii, No 3, 1958,
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